

**COWLITZ, KALAMA, LEWIS SPRING CHINOOK  
2012 PRELIMINARY RETURNS AND  
OUTLOOK FOR 2013**

	2012 Forecast	2012 Actual	2013 Forecast
Cowlitz	8,700	9,200	5,500
Kalama	700	600	700
Lewis	2,700	1,800	1,600
Total	12,100	11,600	7,800

- Cowlitz forecast of 5,500 is below recent 5-year average.
- Returns to the Kalama River continue to be low as seen in past four years.
- Forecast for Lewis River is below recent 5-year average.

December 10, 2012  
Region 5- Vancouver  
Washington Department of Fish and Wildlife